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120803
U.S. PTO

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

Only for new non-provisional applications under 37 CFR
1.53(b))

Attorney Docket No. 09792909-5744

First Named Inventor or Application Identifier

Yuko Yamaguchi

Express Mail Label No: EV328248365US

U.S. PTO
10/730667
16834

120803

ADDRESS TO: Mail Stop: Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

APPLICATION ELEMENTSSee MPEP chapter 600 concerning utility patent application
contents.

1. Specification Total Pages 41
2. Drawing(s) (35USC 113) Total Pages 6
3. Declaration and Power of Attorney Total Pages 3
 - a. Unexecuted(original or copy)
 - b. Copy from prior application (37CFR 1.63(d))
(for continuation/divisional with Box 14 completed) [Note Box 4 Below]
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting
Inventor(s) named in the prior appn.
see 37 CFR 1.63(d)(2) and 1.33(b).
4. Incorporation By Reference (usable if Box 3b is checked)
The entire disclosure of the prior application, from which
a Copy of the oath or declaration is supplied under Box
3b, is considered as being part of the disclosure of the
accompanying application and is hereby incorporated by
reference therein.

ACCOMPANYING APPLICATION PARTS

5. Assignment Papers (cover sheet & documentation)
6. Letter under 37 CFR 1.41(c).
7. English Translation Document to follow (if applicable)
8. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
9. Preliminary Amendment
10. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
11. Small Entity Statement filed in prior Application,
Statement(s) Status still proper and desired
12. Certified copy(ies) of Japanese priority document(s)
No(s). P2002-359661 filed December 11, 2002.

14. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP) of application No:

CLAIMS AS FILED

	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) BASIC FEE
TOTAL CLAIMS		18		\$18.00	
INDEPENDENT CLAIMS		2		86.00	
	ANY MULTIPLE DEPENDENT CLAIMS?			290.00	
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			TOTAL FEE	\$770.00

The Commissioner is hereby authorized to charge any additional fees which may be required in connection with this application, or credit any overpayment to ACCOUNT NO. 19-3140. A duplicate copy of this sheet is enclosed.

Please charge attorney's firm American Express Account No. 378571697401002 in the amount of \$ 770.00 to cover the above fees. PTO Form 2038 is enclosed for that purpose.

A check in the amount of \$ to cover the filing fee is enclosed.

15. CORRESPONDENCE ADDRESS: Sonnenschein, Nath & Rosenthal LLP
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SIGNATURE

David R. Metzger (Reg. No. 32,919)

Date: December 8, 2003

David R. Metzger
312/876-2578

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Commissioner for Patents
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RE: New U.S. Application for Letters Patent entitled
"HEAT TREATMENT APPARATUS AND METHOD OF HEAT
TREATMENT"
Applicant(s): Yuko Yamaguchi
Attorney Docket No. 09792909-5744

Dear Sir:

Under the provisions of 37 C.F.R. §1.41(c), I am filing the attached application, including 18 claims (2 independent), 6 sheets of drawings (Figs. 1-6) and the filing fee of \$770.00 on behalf of

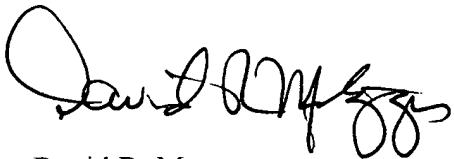
YUKO YAMAGUCHI. CFS

and request that the application be assigned a serial number and filing date pursuant to the provisions of 37 C.F.R. §1.53(b) and 37 C.F.R. §1.53(d).

Very truly yours,

SONNENSCHEIN NATH & ROSENTHAL LLP

By:


David R. Metzger

DRM:kat
Enclosures